

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 6

HOUSTON BRANCH

10625 FALLSTONE ROAD

HOUSTON, TEXAS 77099

RESUBMITTED DATA REVIEW REPORT

DATE:	04/06/10	CASE#:	39551
		SDG#:	F3FY1
TO:	B. Kendrick	LAB:	A4
	6SF-TR	SITE:	Circle Court Ground Water
FROM:	T. Fan	REF:	TDF # 6-08-763B/6-08-416B
	ESAT		ESAT File # O-0494
	Page 1 of 1		ESAT Contract No. EP-W-06-030
			ESAT Doc. No. 8010-211-0334

RECEIVED
10 APR 15 AM 10:23
SUPERFUND DIV
TECHNICAL & ENFORCEMENT
BRANCH (6SF-1)

EFFECTS OF RESUBMITTED INFORMATION ON THE ORIGINAL DATA:

Electronic laboratory response to Region 6 (received by ESAT on 3/24/10):

The laboratory resubmission is acceptable and does not impact the original data review report. The resubmitted SDG Narrative should be used to replace pages 1 and 2 in the original data package. The submitted communication log should be added to the end of the original data package as supplementary document.



622119

COVER SHEET
LABORATORY RESPONSE TO REGION'S REQUEST

Labcode: A4

Response Date: 03/24/2010

Request Date: 03/24/2010

EPA Contract No. EPW05036

Case No. 39551

SDG No. F3FY1

Sample Nos.

_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Other Information:

Ernie Trampelli & QA specialist
Signature/Title

03/24/10
Date

A4 SCIENTIFIC, INC.

1544 Sawdust Road, Suite 505 • The Woodlands, TX 77380 • Phone (281) 292-5277

Contract #: EPW05036	Case #: 39551	SDG #: F3FY1
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RESPONSE TO REGION'S DATA VALIDATION

REGIONS REQUEST DATE: 03/24/2010 **LAB RESPONSE DATE: 03/24/2010**

Following are the responses to the data validation questions/issues submitted by the Region for the above referenced SDG.

This submission package has been numbered sequentially.

FRACTION (S): CSF Deliverables

FRACTION	RESPONSE
CSF Deliverables	The air bill numbers listed on TR/COCs was incorrect. Corrected SDG Narrative and ROC referring to this issue is enclosed in this submittal.

Sue Gurupalli & QA specialist
Signature and Title

03/24/10
Date of Signature

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Contract #: EPW05036	Case #: 39551	SDG #: F3FY1
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SDG NARRATIVE

SAMPLE RECEIPT & LOGIN

The following samples were received on the dates listed against them. The samples were logged in for analysis as listed.

<u>Client Sample</u>	<u>Lab Sample</u>	<u>Matrix</u>	<u>#Cont.</u>	<u>Received</u>	<u>Analysis</u>	<u>Comments</u>
F3FY7	0011759-01	Water	3	03/11/10 13:00	SOM01.2 VOA TRACE	
F3FZ2	0011759-02	Water	3	03/11/10 13:00	SOM01.2 VOA TRACE	
F3FY6	0011759-03	Water	3	03/11/10 13:00	SOM01.2 VOA TRACE	
F3FZ4	0011759-04	Water	3	03/11/10 13:00	SOM01.2 VOA TRACE	
F3FZ5	0011759-05	Water	3	03/11/10 13:00	SOM01.2 VOA TRACE	
F3FZ6	0011759-06	Water	3	03/11/10 13:00	SOM01.2 VOA TRACE	
F3FZ3	0011759-07	Water	3	03/11/10 13:00	SOM01.2 VOA TRACE	FINAL Sx
F3FZ0	0011765-01	Water	3	03/10/10 09:30	SOM01.2 VOA TRACE	1st Sx
F3FZ1	0011765-02	Water	3	03/10/10 09:30	SOM01.2 VOA TRACE	
F3FX7	0011765-03	Water	3	03/10/10 09:30	SOM01.2 VOA TRACE	
F3FY4	0011765-04	Water	3	03/10/10 09:30	SOM01.2 VOA TRACE	
F3FY5	0011765-05	Water	3	03/10/10 09:30	SOM01.2 VOA TRACE	
F3FY1	0011765-06	Water	3	03/10/10 09:30	SOM01.2 VOA TRACE	
F3FY2	0011765-07	Water	3	03/10/10 09:30	SOM01.2 VOA TRACE	
F3FY3	0011765-08	Water	9	03/10/10 09:30	SOM01.2 VOA TRACE	MS/MSD
VHBLK55	0011765-09	Water	2	03/10/10 09:30	SOM01.2 VOA TRACE	STORAGE BLANK

The cooler temperatures are listed against the coolers.

DATE RECEIVED	COOLER NO.	Temp (in °C)	Airbill No.
03/10/2010	1	4	867317986988
03/11/2010	1	4	870536934094

Issue: There were incorrect air bill numbers listed on the TR/COCs received on 3/11.

Resolution: In accordance with previous direction from Region 6, the laboratory will note the issue in the SDG Narrative and proceed with the analysis of the samples.

No other discrepancies or issues were noted during sample receipt and login.

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Contract #: EPW05036

Case #: 39551

SDG #: F3FY1

VOLATILES TRACE

Samples were analyzed using instrument C-5973.

Instrument C-5973 consisted of an Agilent 5973 GC/MS with a 25-meter long DB-624 (Agilent cat#128-1324) column having a 0.2mm ID and 1.12µm film thickness, OI Purge and Trap Model 4560 with an Archon auto sampler. The trap used was a #10 trap (OI Cat# 228122) having an approximate composition of 40% Tenax, 30% Silica gel and 30% CMS.

MS/MSD was performed on sample F3FY3.

The following equations were used for calculation of the sample results from raw instrument output data:

VOLATILES

Water (Low/Med, Trace & SIM):

$$\text{Concentration } (\mu\text{g/L}) = \frac{(A_x)(I_s)(Df)}{(A_{is})(RRF)(V_o)}$$

A_x = Area of the characteristic ion (EICP) for the compound to be measured.

A_{is} = Area of the characteristic ion (EICP) for the internal standard.

I_s = Amount of internal standard added in nanograms (ng).

RRF = Mean relative response factor from the initial calibration.

V_o = Total volume of water purged, in milliliters (mL).

Df = Dilution factor.

I certify that this Sample Data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy Sample Data Package and in the electronic data deliverable has been authorized by the laboratory Manager or Manager's designee, as verified by the following signature.

Smee Turupalli & QA specialist
Signature and Title

8/2/10
Date of Signature

laxmi@a4scientific.com

From: "Blackmon, Jacqueline" <jblackmon3@fedcsc.com>
To: "Devi Chinnam" <devi@a4scientific.com>; "Laxmi Teerupalli" <laxmi@a4scientific.com>; "Parveen Hasan" <parveen@a4scientific.com>; "Ramkishor Koyyada" <ramkishor@a4scientific.com>; "Reddy Pakanati" <pakanati@a4scientific.com>
Cc: "Mahmoud Elfeky" <Elfeky.Mahmoud@epamail.epa.gov>; "Myra Perez" <perez.myra@epa.gov>; "Ray Flores" <flores.raymond@epa.gov>
Sent: Wednesday, March 24, 2010 11:09 AM
Subject: Region 06 | Case 39551 | Lab A4 | Issue Discrepancies with tags, jars, and/or TR/COC | FINAL Laxmi,

Summary Start

Issue: There were incorrect airbill numbers listed on the TR/COCs received on 3/11.

Resolution: In accordance with previous direction from Region 6, the laboratory will note the issue in the SDG Narrative and proceed with the analysis of the samples.

Summary End

Please let me know if you have any questions or problems.

Thanks,

Jackie Blackmon

Environmental Coordinator- Regions 6 and 9

CSC

15000 Conference Center Drive, Chantilly VA 20151

Civil Division | office phone 703-818-4184 | fax 703-818-4601 | jblackmon3@fedcsc.com | www.csc.com

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3/24/10 at 12:57pm Phone conversation between Jackie Blackmon, SMO, and Laxmi Teerupalli, A4 laboratory. Laxmi informed Jackie that incorrect airbill numbers were present on the TR/COCs received on 3/11.

3/24/2010